16698

PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Approved to use thiotograph 073 1/2006. Owe dost-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Express Mail Label No.

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. ACE-20052

First Inventor Deane R. Henderson

Title Powered Rotary Board Turner

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 14 ] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 9]  5. Oath or Declaration [Total Sheets 2] a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement  Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure  Copies of IDS Statement (IDS)/PTO-1449 Citations  13. Preliminary Amendment						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:						
A CONTINUE ARRUGATION A CALL CONTINUE AND ARRUGATION AND ARRUGATIO	the second in the first continue of the						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:							
Continuation Divisional Continuation-in-part (CIP) of prior application No.:							
Prior application information: Examiner	Art Unit:						
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
19. CORRESPONDENCE ADDRESS							
Customer Number: 010361	OR Correspondence address below						
Name							
Address							
City	State Zip Code						
Country	elephone Fax						
Name (Print/Type)   Antony C. Edwards	Registration No. (Attorney/Agent)   40,288						
Signature	Date March 24, 2004						

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Complete if Known

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Charge fee(s) indicated below	FEE IRANSMILIA	Application Number		er						
Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (check all that apply)    Check   Gredit card   Money   Other   None   Other   Other   None   Other			Filing Date							
Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (\$) 770.00   Art Unit   Art			First Named Inventor			tor Deane	Deane R. Henderson			
TOTAL AMOUNT OF PAYMENT (s) 770.00    METHOD OF PAYMENT (check all that apply)   Check   Credit card   Money   Other   None   Other	Effective 10/01/2003. Patent lees are subject to annual revision.			iner Na	ame					
METHOD OF PAYMENT (check all that apply)	Applicant claims small entity status. See 37 CFR 1.27	Art Unit								
Check   Credit card   Money   Other   None   Deposit Account.	TOTAL AMOUNT OF PAYMENT (\$) 770.00	Attorney Docket No. A			cket No	o. ACE-2	0052			
Deposit Account:  Deposit Account   Society	METHOD OF PAYMENT (check all that apply)				FEE	CALCULA	TION (continued)			
Deposit Account:   Signal Entity   Signal E		3. ADDITIONAL FEES								
Deposit Account Number   Account Number   Account Number   Petraroia Langford Edward   1051 130 2051 65 Surcharge - late filing fee or oath   1052 130 2052 25 Surcharge - late filing fee or owner sheet   1052 130 2052 25 Surcharge - late filing fee or owner sheet   1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1053 130 1055										
Number Deposit Petrarola Langford Edward  Account Petrarola Langford Edward    Petrarola Langford Edward   1952   50   2055   25   25   25   25   25			I   CC L				Description	Fee Paid		
Account Name The Director is authorized to: (check all thal apply) The Director is authorized to: (check all thal apply) Charge fee(s) indicated below	Number	1051	130	2051	65 8	Surcharge - late	filing fee or oath			
The Director is authorized to: (check all that apphy) Charge fee(s) indicated below	Account   Petrarola Langford Edward	1052					provisional filing fee or			
Charge fee(s) indicated below.  Charge any additional fee(s) or any underpayment of fee(s)  Charge fee(s) indicated below, except for the filling fee to the above-identified depost account.  FEE CALCULATION  1. BASIC FILING FEE arge Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Description 1. Total Claims 1. O 201 385 1. Utility filing fee 1. Total Claims 1. Subtrotal (1) (S) 770.00  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee Paid 1. Subtrotal (1) (S) 770.00 1. Extra Claims below Fee Paid 1. So 3. 200 2. 201 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	The Director is authorized to: (check all that apply)	i .			_					
Charge fee(s) indicate below, except for the filing fee to the above-identified deposit account.   1805 1,840   1805 1,8					•		,			
Substitute   Sub	Charge any additional fee(s) or any underpayment of fee(s)	1804	9201	1804						
1. BASIC FILING FEE   1.0   1.251   1.10   1.251	Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805 1						
1. BASIC FILING FEE   1252 420   2252 210   Extension for reply within second month   1254 1,480   2254 740   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   1255 2,010   2255 1,005   Extension for reply within fourth month   1255 2,010   1255 2,01		1251	110	2251	55	Extension for re	eply within first month			
1253   950   2253   475   Extension for reply within third month   1254   1,480   2255   1,005   Extension for reply within third month   1254   1,480   2255   1,005   Extension for reply within fight month   1,001   1,0		1252	420	2252	210	Extension for re	eply within second month			
Code (\$)	Large Entity Small Entity	1253	950	2253	475	Extension for re	eply within third month			
1001   770   2001   385   Utility filing fee   770.00   1255   2,010   2255   1,005   Extension for reply within fifth month   1401   330   2401   165   Notice of Appeal   1402   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   230   2402   165   Filing a brief in support of an appeal   1403   230   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   230   2402   165   Filing a brief in support of an appeal   1403   230   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2302   2402   165   Filing a brief in support of an appeal   1402   2302   2402   165   Filing a brief in support of an appeal   1402   2302   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   165   Filing a brief in support of an appeal   1402   2402   2402   165   Filing a brief in support of an appeal   1402   2402	100 100 100 100	1254	1,480	2254	740	Extension for re	eply within fourth month	[		
1002   340   2002   170   Design filing fee   1401   330   2401   165   Notice of Appeal   1401   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   146   Request for oral hearing   1451   1,510   1451   1,510   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive - unavoidable   1453   1,330   2401   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unintentional   1501   1,330   2501   665   Detition to revive - unintentional   1502   480   2502   240   Design issue fee   1503   640   2503   320   Plant issue fee   1503   840   2502   440   Plant issue fee   1503   840   2502   Plant issue fee   1503   840   2503   Plant issue fee   1503   840   2503   Plant issue fee   1503   Pl	1001 770 2001 395   Hillity filing fee	1255	2,010	2255	1,005	Extension for re	eply within fifth month			
1004 770   2004 385   Reissue filing fee   1403 290   2403 145   Request for oral hearing   1451 1,510   14		1401	330	2401	165	Notice of Appea	al			
1451 1,510   1451 1,510   1451 1,510   Petition to institute a public use proceeding   1452 110   2452 55   Petition to revive - unavoidable   1452 110   2452 55   Petition to revive - unavoidable   1453 1,330   2453 665   Petition to revive - unintentional   1451 1,510   Petition to revive - unintentional   1451 1,310   Petitions to revive - unintention to revive - unintentional   1451 1,310   Petitions to revive - unintentiona	1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in	support of an appeal			
SUBTOTAL (1) (\$) 770.00   1452   110   2452   55 Petition to revive - unavoidable   1453   1,330   2453   665 Petition to revive - unintentional   1453   1,330   2453   665 Petition to revive - unintentional   1501   1,330   2501   665   Utility issue fee (or reissue)   1502   480   2502   240   Design issue fee   1503   640   2503   320 Plant issue fee   1503   640   2503   320 Plant issue fee   1460   130   1460   130   1460   130   Petitions to the Commissioner   1460   130   Pet	1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for ora	I hearing			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid below Total Claims   20	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institu	ute a public use proceeding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Fee Paid below Fee Paid below Fee Paid logo Fee	SUBTOTAL (1) (\$) 770.00									
Total Claims   20	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE							j		
Total Claims 20 -20** = 0 X						•	,			
Independent   1   -3** = 0   X   =	Total Claims 20 -20** = 0 x =					•				
Multiple Dependent  Large Entity   Small Entity   Small Entity   Fee Fee Code (\$)   Small Entity   Fee Fee Code (\$)   Small Entity   Small En				-			Commissioner			
Large Entity   Small Entity   Fee Fee Fee Code (\$)   Small Entity   Fee Fee Code (\$)   Small Entity   Small Ent		1807	50	1807						
Fee Fee Code (\$)  1202 18  1202 9 Claims in excess of 20  1201 86  1201 43 Independent claims in excess of 3  1203 290  1204 86  1204 43 Recording each patent assignment per property (times number of properties)  1204 86  1205 9 Reissue claims in excess of 20  1205 18  1206 9 Recording each patent assignment per property (times number of properties)  1207 1809 770  1809 770  1809 770  1809 770  1809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770  1810 770  1810 770  1810 770  1810 770  1810 770  1810 770  1810 770  1810 385 Request for Continued Examination (RCE)  1801 770  1802 900  1802 Poor Request for expedited examination of a design application  1801 770  1802 900  1802 900  1802 900  1802 900  1802 900  1802 900  1802 900  1802 900  1802 Poor Request for expedited examination of a design application  1801 770  1802 900  1802 900  1802 900  1802 900  1803 85  1804 85  1805 770  1805 76		1806		1806		•	* "			
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  ***or number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Claims in excess of 20 1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1809 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  SUBMITTED BY  (Complete (if applicable))  Registration No. (Attorney/Agent)  (Altorney/Agent)  40,288  Telephone 250-861-5332					40	Recording each	patent assignment per			
1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 1802 900 1802 900 Request for expedited examination of a design application 1205 1805 1805 1805 1805 1805 1805 1805 18						property (times	number of properties)			
1204 86 2204 43 ** Reissue independent claims over original patent solver original patent s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					(37 ČFR 1.129(	(a))			
over original patent  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 Request for expedited examination of a design application  SUBTOTAL (2) (\$) 0  **for number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Registration No. (Attorney/Agent)  Registration No. (Attorney/Agent)  Registration No. (Attorney/Agent)  Registration No. (Attorney/Agent)		1810	770	2810						
and over original patent  SUBTOTAL (2) (\$) 0  **for number previously paid, if greater; For Reissues, see above  SUBMITTED BY  Name (Print/Type)  Antony—Edwards  Other fee (specify)  *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$) 0  (Complete (if applicable))  Registration No. (Attorney/Agent)  (Attorney/Agent)  40,288  Telephone 250-861-5332	over original patent	1801	770	2801	385	Request for Co	ontinued Examination (RCE)			
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  SUBMITTED BY (Complete (if applicable))  Name (Print/Type) Antony—Edwards Registration No. (Attorney/Agent) 40,288 Telephone 250-861-5332		1802	900	1802	900					
**or number previously paid, if greater; For Reissues, see above   Reduced by Basic Filling Fee Fald   SUBTOTAL (3)  (\$) 0      SUBMITTED BY   (Complete (if applicable))  Name (Print/Type)   Antony-Edwards   Registration No. (Altorney/Agent)   40,288   Telephone   250-861-5332	SUBTOTAL (2) (\$) 0 Other fee (specify)									
Name (Print/Type) Antony—Edwards Registration No. (Attorney/Agent) 40,288 Telephone 250-861-5332										
Affluty-spedwards (Attorney/Agent) 40,200 relephone 250-061-5552	SUBMITTED BY (Complete (if applicable))									
	Name (Print/Type) Antony—Edwards				40,	288	Telephone 250-861-53	32		
	Signature	The state of the s					Date March 24, 2004			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Ú.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.